



AlgoSec Cloud Enterprise

Cloud connectivity without compromise

AlgoSec Cloud Enterprise (ACE) is the comprehensive hybrid and cloud network security platform built for the modern cloud enterprise. ACE empowers you to gain complete visibility into your application landscape, enforce consistent security policies, and automate change management across cloud and hybrid environments.

This technical datasheet is for cloud security architects, security engineers, devops teams, cloud center of excellence, cloud network security officers and it managers in mid-to-large enterprises with single cloud or multi-cloud environments who need to secure their critical applications and accelerate application delivery.

Enterprise challenges

Modern applications are essential for business success but securing them in today's complex IT landscape is more challenging than ever. Organizations face numerous obstacles:

- Maintaining consistent security policies across a mix of cloud (AWS, Azure, GCP) and on-premises environments with diverse tools and security requirements.
- Securing dynamic, distributed applications built on microservices, containers, and serverless functions.
- Understanding application dependencies, vulnerabilities, and risks across the entire environment, especially with the rise of Shadow IT and unmanaged cloud resources.
- Overburdened security teams, slow application deployments, and increased risk of human error due to manual security tasks.
- Meeting regulatory requirements (PCI DSS, HIPAA, etc.) and industry standards across diverse environments.

Key benefits

- Gain deep insights into your cloud application landscape and identify potential security risks.
- Manage cloud network security policies and controls from a single, unified platform.
- Proactively identify and mitigate vulnerabilities and threats to your applications.
- Streamline security processes and automate change management to speed up deployments.
- Meet regulatory requirements and industry standards with automated compliance monitoring and reporting.

Solution: AlgoSec Cloud Enterprise

ACE addresses these challenges with a holistic approach that delivers comprehensive cloud network security and accelerates application delivery.



Core capabilities



Automatically discovers and maps applications and their dependencies across your entire environment.



Unified security across hybrid environments: Seamlessly extends security policy visibility and change automation across cloud and on-premises infrastructures.



Detects and prioritizes cloud application vulnerabilities based on severity and business impact.



Defines, enforces, and audits security policies across all environments, ensuring consistent security posture.



Unmatched network security posture: over 150+ network security policy risk checks plus customize risks enabling unique segmentation or zero trust policy enforcement.



Compliance management and report generation for various regulations and industry standards.



Application context to cloud network risk mapping: Map cloud network security risks to applications.

Technical specifications

- SaaS solution
- Supported platforms:
 - Public Clouds: AWS, Azure, Google Cloud.
 - Container Platforms: Manage Kubernetes
- Integrations
 - DevOps tools (CI/CD pipelines): GitLab CI/CD
- Scalability and performance: ACE is designed to scale to meet the needs of large enterprises, with high availability and performance optimization features.

Elevate your cloud security today

AlgoSec Cloud Enterprise empowers organizations to secure their applications across cloud and on-premises environments, simplifying security management, accelerating application delivery, and reducing risk.

Request a personalized demo of ACE today to see how it can address your specific cloud network security needs.

About AlgoSec

AlgoSec, a global cybersecurity leader, empowers organizations to secure application connectivity by automating connectivity flows and security policy, anywhere.

The AlgoSec platform enables the world's most complex organizations to gain visibility, reduce risk, achieve compliance at the application-level and process changes at zero-touch across the hybrid network.

Over 1,800 of the world's leading organizations trust AlgoSec to help secure their most critical workloads across public cloud, private cloud, containers, and on-premises networks.

